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International Application No.
PCT/US 03/41119

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60C23/04 B60C13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B60C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/29523 A (BROWN ROBERT WALTER ; KRISHNAN RAM MURTHY (US); POLLACK RICHARD STEPHE) 17 June 1999 (1999-06-17) page 9, line 10 - page 10, line 5; figures 4,5	1,2
A	EP 0 937 615 A (SIEMENS AG) 25 August 1999 (1999-08-25) paragraph '0022!; figure 2	1
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 20, 10 July 2001 (2001-07-10) -& JP 2001 063325 A (YOKOHAMA RUBBER CO LTD:THE), 13 March 2001 (2001-03-13) abstract	9-13,16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

4 May 2004

Date of mailing of the international search report

14/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 348 067 A (MYATT DAVID) 20 September 1994 (1994-09-20) figures 2-5 -----	9
A	EP 0 389 406 A (GOODYEAR TIRE & RUBBER) 26 September 1990 (1990-09-26) figure 2 -----	9

Information on patent family members

International Application No.

PCT/US 03/41119

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9929523	A	17-06-1999	WO 9929523 A1	17-06-1999
			AU 5519398 A	28-06-1999
			BR 9714907 A	03-10-2000
			CA 2309834 A1	17-06-1999
			DE 69719822 D1	17-04-2003
			DE 69719822 T2	20-11-2003
			EP 1037753 A1	27-09-2000
			JP 2001525282 T	11-12-2001
			TW 423259 B	21-02-2001
			ZA 9810793 A	31-05-1999
EP 0937615	A	25-08-1999	DE 19807004 A1	09-09-1999
			EP 0937615 A2	25-08-1999
JP 2001063325	A	13-03-2001	NONE	
US 5348067	A	20-09-1994	FR 2682323 A1	16-04-1993
			BR 9204002 A	27-04-1993
			DE 69223899 D1	12-02-1998
			DE 69223899 T2	28-05-1998
			EP 0537607 A1	21-04-1993
			JP 3274505 B2	15-04-2002
			JP 5221207 A	31-08-1993
			US 5520231 A	28-05-1996
EP 0389406	A	26-09-1990	US 4911217 A	27-03-1990
			AU 629318 B2	01-10-1992
			AU 5218790 A	27-09-1990
			BR 7001560 U	05-11-1991
			CA 2006989 A1	24-09-1990
			DE 69011554 D1	22-09-1994
			DE 69011554 T2	23-03-1995
			EP 0389406 A2	26-09-1990
			ES 2062479 T3	16-12-1994
			JP 2123404 U	11-10-1990

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